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Date: 9/16/98 Time: 9 PM
Pages: 28 Sender: 312 922 7747
Fax Number:
Company: SEP. 16. 1998 4:19PM DVORAK & ORUM Subject:
Type: Fax NO. 5185 P. 2/28

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U. S. Patent Application No. 08/637,802
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1. (Twice Amended) Fire scale resistant, work hardenable jewelry silver alloy compositions comprising:
[85.5 - 99.42 % by weight silver;]
0.5 - [6]5.5 % by weight copper;
0.07 - [7]6% by weight of a mixture of zinc and silicon, wherein said silicon is present in the range of 0.2 to 2.0% by weight; [and]
0.01 - [0]2.5% by weight germanium; and
at least 86% by weight silver.

7. (Twice Amended) Fire scale resistant, work hardenable jewelry silver alloy according to claim 1, [wherein a proportion of said silver content is replaced by up to 3.5% by weight of] further comprising an additive in a concentration of up to 3.5% by weight, said additive selected from the group consisting of indium, boron, and a mixture of indium and boron.

8. (Twice Amended) Fire scale resistant, work hardenable jewelry silver alloy compositions in accordance with claim 7, wherein said [proportion of up to 3.5% silver content is replaced by a] mixture of indium and boron comprises up to 2% by weight boron and up to 1.5% by weight indium.

9. (Three Times Amended) Fire scale resistant, work hardenable jewelry silver alloy according to claim 1, [wherein a proportion of said silver is replaced by] further comprising tin in an amount of up to 6% by weight.

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10. (Twice Amended) Fire scale resistant, work hardenable jewelry silver alloy compositions in accordance with claim 9, wherein the tin content ranges [is utilized in an amount of] from 0.25 to 6% by weight.

21. (Amended) A method of producing fire scale resistant, work hardenable jewelry silver alloy compositions [according to claim 1, further including] having at least 86% by weight silver, comprising the steps of:

- a) providing a master alloy comprising copper, zinc, silicon, and germanium;
- b) alloying silver metal with [a] the master alloy, maintaining a silver alloy composition of at least 86% by weight silver, 0.5 - 5.5% by weight copper, 0.07 - 6% by weight of a mixture of zinc and silicon wherein said silicon is present in a range of 0.2 - 2% by weight, and 0.01 - 2.5% by weight germanium [comprising copper, zinc silicon, and germanium].

22. (Amended) A method of producing fire scale resistant, work hardenable jewelry silver alloy compositions [according to claim 7, further including] having at least 86% by weight silver, comprising the steps of:

- a) providing a master alloy comprising copper, zinc, silicon, boron indium and germanium.
- b) alloying silver metal with [a] the master alloy, maintaining a silver alloy composition of at least 86% by weight silver, 0.5 - 5.5% by

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weight copper, 0.07 - 6% by weight of a mixture of zinc and silicon
wherein said silicon is present in a range of 0.2 - 2% by weight, 0.01
- 2.5% by weight germanium, and up to 3.5% by weight an additive
including a mixture of indium and boron [comprising copper, zinc,
silicon, boron, indium and germanium].

23. A method of producing fire scale resistant, work hardenable jewelry silver alloy compositions [according to claim 9, further including] having at least 86% by weight
silver, comprising the steps of:

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- a) providing a master alloy comprising copper, zinc, silicon, boron,
indium, germanium and tin.
- b) alloying silver metal with [a] the master alloy, maintaining a silver
alloy composition of at least 86% by weight silver, 0.5 - 5.5% by
weight copper, 0.07 - 6% by weight of a mixture of zinc and silicon
wherein said silicon is present in a range of 0.2 - 2% by weight, 0.01
- 2.5% by weight germanium, up to 3.5% by weight an additive
including a mixture of indium and boron, and up to 6% by weight tin
[comprising copper, zinc, silicon, boron, indium, germanium and
tin].